



Sheet 1 of 3

FORM PTO-1449		ATTY DOCKET NO.		SERIAL NO.			
INFORMATION DISCLOSURE STATEMENT		49632 (1699)		09/523,776			
		APPLICANT(S) : Pamela L. Zeitlin, et al.					
		FILING DATE:		ART UNIT:			
		March 11, 2000		1646			
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPR
SW	AA	5,976,499	Nov. 2, 1999	Rubenstein et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
SW	CA	Cheng, S. H., et al. "Functional Activation Of The Cystic Fibrosis Trafficking Mutant Delta F508-CFTR By Overexpression", Am. J. Physiol. 268, pp. L615-L624, 1995.					
SW	CB	Dover, G. J., et al. "Induction Of Fetal Hemoglobin Production In Subjects With Sickle Cell Anemia By Oral Sodium Phenylbutyrate" Blood Vol. 84, No. 1, pp.339-343, 1994.					
SW	CC	Dover, G. J., et al. "Increased Fetal Hemoglobin In Patients Receiving Sodium 4-Phenylbutyrate[letter]", N. Engl. J. Med. Vol. 327, No. 8, pp. 569-570, 1992.					
SW	CD	Collins, A. F., et al. "Oral Sodium Phenylbutyrate Therapy In Homozygous Beta Thalassemia: A Clinical Trial" Blood Vol. 85, No. 1, pp. 43-49, 1995.					
Examiner: S. W. [Signature]				Date: 6-11-02			

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Piscitelli, S.C., et al. "Disposition Of Phenylbutyrate And Its Metabolites, Phenylacetate And Phenylacetylglutamine" *J. Clin. Pharmacol.* 35:, pp. 368-373, 1995.

Batshaw, M.L., et al. "Evidence Of Lack Of Toxicity Of Sodium Phenylacetate And Sodium Benzoate In Treating Urea Cycle Enzymopathies" *J. Inher. Metab. Dis.* 4:, pp. 231-231, 1981.

Stamatoyannopoulos, G., et al. "Fetal Hemoglobin Induction By Acetate, A Product Of Butyrate Catabolism [see comments]" *Blood* 84:, 3198-3204, 1994.

Candido, E.P., et al. "Sodium Butyrate Inhibits Histone Deacetylation In Cultured Cells" *Cell* 14:, pp. 105-113, 1978.

Rubenstein, R.C., et al. "In Vitro Pharmacologic Restoration Of CFTR-Mediated Chloride Transport With Sodium 4-Phenylbutyrate In Cystic Fibrosis Epithelial Cells Containing Delta F508-CFTR" *J. Clin. Invest.* 100:, pp. 2457-2465, 1997.

Rubenstein, R.C., et al. "A Pilot Clinical Trial Of Sodium 4-Phenylbutyrate (Buphenyl) In Delta F508-Homozygous Cystic Fibrosis Patients: Partial Restoration Of Nasal Epithelial CFTR Function" *Am. J. Resp. Crit. Care Med.* 157:, pp. 484-490, 1998.

Rubenstein, R.C., et al. "Use Of Protein Repair Therapy In The Treatment Of Cystic Fibrosis" *Curr. Opin. Peds.* 10:, pp. 250-255, 1998.

Cheng, S.H., et al. "Defective Intracellular Transport And Processing Of CFTR Is The Molecular Basis Of Most Cystic Fibrosis" *Cell* 63:, pp. 827-834, 1990.

Gething, M.J., et al. "Protein Folding In The Cell" *Nature* 355:, pp. 33-45, 1992.

Hamosh, A., et al. "Cutting CFTR Nonsense Mutations G542X And W1282X Associated With Severe Reduction Of CFTR mRNA In Nasal Epithelial Cells" *Hum. Mol. Genet.* 1:, pp. 542-544, 1992.

Hyde, S.C., et al. "The Effects Of 4-Phenylbutyric Acid On CFTR mRNA Levels" (Abstract), *Pediatr. Pulmonol. Suppl.* 17: pp. 211-212, 1998.

EXAMINER

DATE CONSIDERED

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INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Jiang, C., et al. "Partial Restoration Of cAMP-Stimulated CFTR Chloride Channel Activity In Δ F508 Cells By Deoxyspergualin" *Am. J. Physiol. Cell Physiol.* 275:, pp. C171-C178, 1998.

McGrath, S.A., et al. "Cystic Fibrosis Gene And Protein Expression During Fetal Lung Development" *Am. J. Respir. Cell Mol. Biol.* 8:, pp. 201-208, 1993.

Ward, C.L., et al. "Degradation Of CFTR By The Ubiquitin-Proteasome Pathway" *Cell* 83:, pp. 121-127, 1995.

Yang, Y., et al. "The Common Variant Of Cystic Fibrosis Transmembrane Conductance Regulator Is Recognized By hsp 70 And Degraded In A Pre-Golgi Nonlysosomal Compartment" *Proc. Natl. Acad. Sci. USA* 90:, pp. 9480-9484, 1993.

Rubenstein, R.C., et al. "Sodium 4-Phenylbutyrate Downregulates Hsc 70: Implications For Intracellular Trafficking Of Delta F508-CFTR" *Am. J. Physiol. Cell Physiol.* 278:, pp. C259-C267, 2000.

EXAMINER

DATE CONSIDERED

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